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Labour Force Survey: Introduction of ANZSIC for industry data (Replacement publication)

Introduction

This paper provides information about a change in the industrial classification used in the Labour Force Survey (LFS). It replaces the previous issue (released 12 September 1994), in order to provide amended data for the ANZSIC Division H 'Accommodation, Cafes and Restaurants' (see Appendix 2). From August 1994, the Australian and New Zealand Standard Industrial Classification (ANZSIC) will replace the Australian Standard Industrial Classification (ASIC). A detailed description of the Classification and its structure is given in *Australian and New Zealand Standard Industrial Classification 1993* (1292.0), published in 1993.

Industry classifications and the Labour Force Survey

The ANZSIC, like the ASIC, is a classification which serves to identify groupings of businesses which carry out similar economic activities and which satisfy other conditions (like economic significance). These groups can be used to define an industry. An individual business can then be assigned to an industry on the basis of its predominant economic activity.

The industry classification can then be used in collections such as the LFS, where employed and unemployed persons are classified to either the industry of the business in which they are employed, or to the industry of the business in which they were previously employed (in the case of unemployed persons who had worked full time for at least two weeks in the last two years).

Development of ANZSIC

The ANZSIC was developed by the Australian Bureau of Statistics and Statistics New Zealand for use in the production and analysis of industry statistics in both countries.

The development of the ANZSIC resulted from the need to improve the comparability of industry statistics between Australia and New Zealand. While the development of ANZSIC reflects changes in the world economy during the last twenty years, it also acknowledges particular circumstances in Australia and New Zealand, such as:

- a shift away from goods-producing industries to service industries;

INQUIRIES

- for further information about the contents of this publication or the availability of labour force data products and services, contact Sylvia Sajler on Canberra (06) 252 6525 or any ABS State office.
- for information about other ABS statistics and services please refer to the back page of this publication.

- the desire for closer alignment with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 3;
- rapid technological development;
- user requirements for separate industry categories.

Structure of the ANZSIC

The ANZSIC, like the ASIC, has a structure consisting of categories at four levels: Divisions (the broadest level), Subdivisions, Groups and Classes. At the Division level the main purpose is to provide a limited number of categories which will provide a broad overall picture of the economy. There are 17 divisions with the ANZSIC, each identified by an alphabetical character, as follows:

<i>Division</i>	<i>Title</i>
A	Agriculture, Forestry and Fishing
B	Mining
C	Manufacturing
D	Electricity, Gas and Water Supply
E	Construction
F	Wholesale Trade
G	Retail Trade
H	Accommodation, Cafes and Restaurants
I	Transport and Storage
J	Communication Services
K	Finance and Insurance
L	Property and Business Services
M	Government Administration and Defence
N	Education
O	Health and Community Services
P	Cultural and Recreational Services
Q	Personal and Other Services

The Subdivision, Group and Class levels provide increasingly detailed dissections of the broad categories. LFS responses were only coded at the Group (3-digit) level under the ASIC. A similar practice will continue under the ANZSIC, with responses coded at the Group level.

ASIC/ANZSIC concordance

To assist users in making comparisons with previously published data, Appendix 1 provides a concordance of the ASIC Group level compared with the corresponding ANZSIC Group(s). The concordance also shows the estimated proportion of employment attributable to each ANZSIC Group(s), as compared with ASIC Group data using information at the establishment unit level taken from the ABS Business Register as at May 1994.

Historical estimates of employment by ANZSIC industry group have been compiled after converting unit records using the proportions shown in this concordance to ANZSIC equivalent Groups. See Data availability below for more information about the availability of ANZSIC data from the Labour Force Survey.

Data availability

From the August 1994 LFS, the ANZSIC will be used to classify employed and unemployed persons by industry. Industry data will be available at the Division, Subdivision and Group level (the most detailed level at which industry will be coded for the LFS).

Historical data

Historical data at the ANZSIC Division level, produced using the above concordance, will be available for August 1986 to August 1994. Historical data from February 1978 will be available at a later date. The ABS will also be able to make available more detailed information in the form of customised reports. In general, a charge is applied for providing unpublished information. Inquiries regarding the availability of unpublished labour force data should be made to Sylvia Sajler on Canberra (06) 252 6525 or any ABS State Office.

Seasonally adjusted and trend estimates

Original, seasonally adjusted and trend estimates of employed persons by ANZSIC industry Division will be published from the August issue of *The Labour Force, Australia* (6203.0).

Appendix 2 contains tables showing original, seasonally adjusted and trend estimates of industry (ANZSIC Division level) from May 1986 to August 1994.

Related publications

Users may wish to refer to the following publications which relate to the labour force and are available on request:

The Labour Force, Australia (6203.0) — issued monthly

Australian and New Zealand Standard Industrial Classification 1993 (1292.0)

RICHARD MADDEN
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APPENDIX 1:
ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY

ASIC	Employment ratio (%)	ANZSIC
A Agriculture, Forestry, Fishing and Hunting		
012 Poultry	100.000	014 Poultry Farming
013 Fruit	100.000	011 Horticulture and Fruit Growing
014 Vegetables	98.749 1.250	011 Horticulture and Fruit Growing 016 Other Crop Growing
018 Cereal Grains, Sheep, Cattle and Pigs	86.900 11.649 1.449	012 Grain, Sheep and Beef Cattle Farming 013 Dairy Cattle Farming 015 Other Livestock Farming
019 Other Agriculture	14.943 1.046 46.864 37.144	011 Horticulture and Fruit Growing 012 Grain, Sheep and Beef Cattle Farming 015 Other Livestock Farming 016 Other Crop Growing
020 Services to Agriculture	100.000	021 Services to Agriculture
030 Forestry and Logging	100.000	030 Forestry and Logging
043 Fishing	73.529 26.015 0.454	041 Marine Fishing 042 Aquaculture 774 Machinery and Equipment Hiring and Leasing
044 Hunting and Trapping	100.000	022 Hunting and Trapping
B Mining		
111 Ferrous Metal Ores	100.000	131 Metal Ore Mining
112 Non-Ferrous Metal Ores	100.000	131 Metal Ore Mining
120 Coal	100.000	110 Coal Mining
130 Oil and Gas	100.000	120 Oil and Gas Extraction
140 Construction Materials	100.000	141 Construction Material Mining
150 Other Non-Metallic Minerals	36.178 63.821	141 Construction Material Mining 142 Other Mining
161 Mineral Exploration (Own Account)	100.000	151 Exploration
162 Mining and Exploration Services n.e.c.	2.820 97.179	151 Exploration 152 Other Mining Services
C Manufacturing		
211 Meat Products	98.618 1.381	211 Meat and Meat Product Manufacturing 253 Basic Chemical Manufacturing
212 Milk Products	100.000	212 Dairy Product Manufacturing
213 Fruit and Vegetable Products	100.000	213 Fruit and Vegetable Processing
214 Margarine and Oils and Fats n.e.c.	100.000	214 Oil and Fat Manufacturing
215 Flour Mill and Cereal Food Products	100.000	215 Flour Mill and Cereal Food Manufacturing
216 Bread, Cakes and Biscuits	56.809 43.190	216 Bakery Product Manufacturing 512 Specialised Food Retailing

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ASIC	Employment ratio (%)	ANZSIC
C Manufacturing (continued)		
217 Other Food Products	100.000	217 Other Food Manufacturing
218 Beverages and Malt	100.000	218 Beverage and Malt Manufacturing
219 Tobacco Products	100.000	219 Tobacco Product Manufacturing
234 Textile Fibres, Yarns and Woven Fabrics	5.149 92.140 0.813 1.084 0.813	021 Services to Agriculture 221 Textile Fibre, Yarn and Woven Fabric Manufacturing 222 Textile Product Manufacturing 223 Knitting Mills 226 Leather and Leather Product Manufacturing
235 Other Textile Products	100.000	222 Textile Product Manufacturing
244 Knitting Mills	100.000	223 Knitting Mills
245 Clothing	1.825 98.174	222 Textile Product Manufacturing 224 Clothing Manufacturing
246 Footwear	100.000	225 Footwear Manufacturing
253 Wood and Wood Products	0.049 21.766 76.007 1.657 0.519	225 Footwear Manufacturing 231 Log Sawmilling and Timber Dressing 232 Other Wood Product Manufacturing 291 Prefabricated Building Manufacturing 294 Other Manufacturing
254 Furniture and Mattresses	0.117 99.882	222 Textile Product Manufacturing 292 Furniture Manufacturing
263 Paper and Paper Products	1.213 98.786	222 Textile Product Manufacturing 233 Paper and Paper Product Manufacturing
264 Printing and Allied Industries	69.723 30.276	241 Printing and Services to Printing 242 Publishing
275 Basic Chemicals	100.000	253 Basic Chemical Manufacturing
276 Other Chemical Products	99.396 0.603	254 Other Chemical Product Manufacturing 276 Fabricated Metal Product Manufacturing
277 Petroleum Refining	100.000	251 Petroleum Refining
278 Petroleum and Coal Products n.e.c.	100.000	252 Petroleum Refining
285 Glass and Glass Products	100.000	261 Glass and Glass Product Manufacturing
286 Clay Products and Refractories	100.000	262 Ceramic Product Manufacturing
287 Cement and Concrete Products	100.000	263 Cement, Lime, Plaster and Concrete Product Manufacturing
288 Other Non-Metallic Mineral Products	20.815 79.184	263 Cement, Lime, Plaster and Concrete Product Manufacturing 264 Non-Metallic Mineral Product Manufacturing n.e.c
294 Basic Iron and Steel	97.893	271 Iron and Steel Manufacturing
	2.106	276 Fabricated Metal Product Manufacturing
295 Basic Non-Ferrous Metals	4.109 95.890	254 Other Chemical Product Manufacturing 272 Basic Non-Ferrous Metal Manufacturing

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ASIC	Employment ratio (%)	ANZSIC
C Manufacturing (continued)		
296 Non-Ferrous Metal Basic Products	100.000	273 Non-Ferrous Basic Metal Product Manufacturing
314 Structural Metal Products	93.104 6.895	274 Structural Metal Product Manufacturing 291 Prefabricated Building Manufacturing
315 Sheet Metal Products	85.564 13.524 0.911	275 Sheet Metal Product Manufacturing 292 Furniture Manufacturing 294 Other Manufacturing
316 Other Fabricated Metal Products	99.860 0.139	276 Fabricated Metal Product Manufacturing 294 Other Manufacturing
323 Motor Vehicles and Parts	100.000	281 Motor Vehicle and Part Manufacturing
324 Other Transport Equipment	99.733 0.266	282 Other Transport Equipment Manufacturing 294 Other Manufacturing
334 Photographic, Professional and Scientific Equipment	28.219 0.492 71.287	283 Photographic and Scientific Equipment Manufacturing 284 Electronic Equipment Manufacturing 952 Other Personal Services
335 Appliances and Electrical Equipment	5.319 3.092 35.546 55.381 0.659	243 Recorded Media Manufacturing and Publishing 283 Photographic and Scientific Equipment Manufacturing 284 Electronic Equipment Manufacturing 285 Electrical Equipment and Appliance Manufacturing 286 Industrial Machinery and Equipment Manufacturing
336 Industrial Machinery and Equipment	1.079 0.566 98.354	283 Photographic and Scientific Equipment Manufacturing 284 Electronic Equipment Manufacturing 286 Industrial Machinery and Equipment Manufacturing
345 Leather and Leather Products	2.006 7.357 90.635	222 Textile Product Manufacturing 224 Clothing Manufacturing 226 Leather and Leather Product Manufacturing
346 Rubber Products	100.000	255 Rubber Product Manufacturing
347 Plastic and Related Products	0.194 98.770 1.035	225 Footwear Manufacturing 256 Plastic Product Manufacturing 264 Non-Metallic Mineral Product Manufacturing n.e.c.
348 Other Manufacturing	0.567 2.876 7.645 78.274 10.635	253 Basic Chemical Manufacturing 283 Photographic and Scientific Equipment Manufacturing 285 Electrical Equipment and Appliance Manufacturing 294 Other Manufacturing 785 Marketing and Business Management Services
D Electricity, Gas and Water		
361 Electricity	100.000	361 Electricity Supply
362 Gas	100.000	362 Gas Supply
370 Water, Sewerage and Drainage	100.000	370 Water Supply, Sewerage and Drainage Services
E Construction		
411 Building Construction	100.000	411 Building Construction
412 Non-Building Construction	67.629 32.370	412 Non-Building Construction 425 Other Construction Services

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ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY

ASIC	Employment	ANZSIC
E Construction (continued)		
423 Concreting, Bricklaying and Tiling Trades	86.804 13.011 0.184	422 Building Structure Services 424 Building Completion Services 425 Other Construction Services
424 Other Special Trades	0.794 11.022 3.810 45.810 30.290 8.271	412 Non-Building Construction 421 Site Preparation Services 422 Building Structure Services 423 Installation Trade Services 424 Building Completion Services 425 Other Construction Services
F Wholesale and Retail Trade		
471 General Wholesalers	11.538 5.769 82.691	471 Food, Drink and Tobacco Wholesaling 472 Textile, Clothing and Footwear Wholesaling 479 Other Wholesaling
472 Builders Hardware Dealers	0.190 7.222 92.587	261 Glass and Glass Product Manufacturing 424 Building Completion Services 453 Builders Supplies Wholesaling
473 Machinery and Equipment Wholesalers	90.131 8.146 0.380 1.341	461 Machinery and Equipment Wholesaling 462 Motor Vehicle Wholesaling 774 Machinery and Equipment Hiring and Leasing 783 Computer Services
474 Minerals, Metals and Chemicals Wholesalers	100.000	452 Mineral, Metal and Chemical Wholesaling
475 Farm Properties and Produce Dealers n.e.c.	97.262 2.737	451 Farm Produce Wholesaling 772 Real Estate Agents
476 Food, Drink and Tobacco Wholesalers	0.584 99.415	217 Other Food Manufacturing 471 Food, Drink and Tobacco Wholesaling
477 Textile and Clothing Wholesalers	100.000	472 Textile, Clothing and Footwear Wholesaling
478 Household Goods Wholesalers	100.000	473 Household Good Wholesaling
479 Other Specialist Wholesalers	0.792 99.207	461 Machinery and Equipment Wholesaling 479 Other Wholesaling
481 Department and General Stores	100.000	521 Department Stores
484 Clothing, Fabrics and Furniture Stores	79.917 17.490 2.592	522 Clothing and Soft Good Retailing 523 Furniture, Houseware and Appliance Retailing 526 Household Equipment Repair Services
485 Household Appliance and Hardware Stores	53.239 20.229 14.478 12.052	523 Furniture, Houseware and Appliance Retailing 525 Other Personal and Household Good Retailing 526 Household Equipment Repair Services 951 Personal and Household Goods Hiring
486 Motor Vehicle Dealers; Petrol and Tyre Retailers	7.805 2.031 12.829 77.297 0.036	462 Motor Vehicle Wholesaling 524 Recreational Good Retailing 531 Motor Vehicle Retailing 532 Motor Vehicle Services 774 Machinery and Equipment Hiring and Leasing
487 Milk and Bread Vendors	100.000	512 Specialised Food Retailing
488 Food Stores	20.187 79.812	511 Supermarket and Grocery Stores 512 Specialised Food Retailing
489 Other Retailers	38.860 61.139	524 Recreational Good Retailing 525 Other Personal and Household Good Retailing

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ASIC	Employment ratio (%)	ANZSIC
G Transport and Storage		
511 Road Freight Transport	94.462 2.068 3.469	611 Road Freight Transport 664 Other Services to Transport 711 Postal and Courier Services
512 Road Passenger Transport	100.000	612 Road Passenger Transport
520 Rail Transport	100.000	620 Rail Transport
530 Water Transport	100.000	630 Water Transport
540 Air Transport	100.000	640 Air and Space Transport
550 Other Transport	100.000	650 Other Transport
571 Services to Road Transport	40.515 59.484	661 Services to Road Transport 774 Machinery and Equipment Hiring and Leasing
572 Services to Water Transport	96.764 3.235	662 Services to Water Transport 774 Machinery and Equipment Hiring and Leasing
573 Services to Air Transport	100.000	663 Services to Air Transport
574 Other Services to Transport	100.000	664 Other Services to Transport
580 Storage	100.000	670 Storage
H Communication		
590 Communication	43.103 56.896	711 Postal and Courier Services 712 Telecommunication Services
I Finance, Property and Business Services		
614 Banking	4.336 95.663	731 Central Bank 732 Deposit Taking Financiers
615 Non-Bank Finance	45.279 54.720	732 Deposit Taking Financiers 733 Other Financiers
616 Investment	91.431 0.508 8.059	734 Financial Asset Investors 771 Property Operators and Developers 773 Non-Financial Asset Investors
617 Services to Finance and Investment	100.000	751 Services to Finance and Investment
623 Insurance	44.723 55.276	741 Life Insurance and Superannuation Funds 742 Other Insurance
624 Services to Insurance	100.000	752 Services to Insurance
631 Real Estate Agents	100.000	772 Real Estate Agents
632 Real Estate Operators and Developers	99.977 0.022	771 Property Operators and Developers 925 Services to the Arts
633 Technical Services	100.000	782 Technical Services
637 Legal and Accounting Services	100.000	784 Legal and Accounting Services
638 Other Business Services	2.647 16.452 43.398 37.501	782 Technical Services 783 Computer Services 785 Marketing and Business Management Services 786 Other Business Services
639 Plant Hire and Leasing n.e.c.	100.000	774 Machinery and Equipment Hiring and Leasing

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ASIC	Employment ratio (%)	ANZSIC
J Public Administration and Defence		
711 Government Administration	100.000	811 Government Administration
712 Justice	100.000	812 Justice
713 Foreign Government Representation	100.000	813 Foreign Government Representation
720 Defence	100.000	820 Defence
K Community Services		
814 Hospitals and Nursing Homes	100.000	861 Hospitals and Nursing Homes
815 Other Health	1.509 77.590 20.900	283 Photographic and Scientific Equipment Manufacturing 862 Medical and Dental Services 863 Other Health Services
816 Veterinary Services	100.000	864 Veterinary Services
823 School Education	31.405 68.594	841 Preschool Education 842 School Education
824 Post School and Other Education	6.309 93.690	843 Post School Education 844 Other Education
825 Libraries, Museums and Art Galleries	45.847 54.152	921 Libraries 922 Museums
830 Welfare and Religious Institutions	5.540 59.784 34.674	871 Child Care Services 872 Community Care Services 961 Religious Organisations
846 Research and Meteorology Services	96.907 3.092	781 Scientific Research 782 Technical Services
847 Business and Labour Associations	100.000	962 Interest Groups
848 Other Community Organisations	100.000	962 Interest Groups
849 Other Community Services	49.555 0.098 1.020 49.324	786 Other Business Services 872 Community Care Services 925 Services to the Arts 963 Public Order and Safety Services
L Recreation, Personal and Other Services		
913 Entertainment	38.819 8.473 18.906 6.182 27.618	911 Film and Video Services 912 Radio and Television Services 924 Arts 925 Services to the Arts 933 Other Recreation Services
914 Sport and Recreation	0.504 2.950 57.924 32.905 5.714	774 Machinery and Equipment Hiring and Leasing 923 Parks and Gardens 931 Sport 932 Gambling Services 933 Other Recreation Services
923 Restaurants, Hotels and Accommodation	27.239 18.920 53.839	571 Accommodation 572 Pubs, Taverns and Bars 573 Cafes and Restaurants

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ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY

ASIC	Employment ratio (%)	ANZSIC
L Recreation, Personal and Other Services (continued)		
924 Clubs	100.000	574 Clubs (Hospitality)
934 Laundries and Dry Cleaners	100.000	952 Other Personal Services
935 Hairdressers, Beauty Salons	100.000	952 Other Personal Services
936 Other Personal Services	3.257 1.639 0.686 0.664 93.751	021 Services to Agriculture 863 Other Health Services 871 Child Care Services 925 Services to the Arts 952 Other Personal Services
940 Private Households Employing Staff	100.000	970 Private Households Employing Staff

EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: ORIGINAL
('000)

Month	Agri-culture, forestry and fishing		Electr-icity gas and water supply			Accom-modation, cafes and restaurants (a)			Finance and insurance			Govern-ment adminis-tration and defence		Health and commu-nity services		Cult-ural and recrea-tional services		Personal and other services	
	Mining	Manu-facturing	Const-ruction	Whole-sale trade	Retail trade	Trans-port and storage	Commu-nication services	Property and business services	Educa-tion										
1986—																			
May	436.8	103.7	1,127.8	143.9	496.0	426.4	991.4	234.5	369.4	148.2	302.0	477.3	340.1	450.4	573.5	125.9	231.6		
August	417.8	95.5	1,108.5	137.5	498.3	421.5	966.6	239.5	389.0	153.6	306.9	478.9	325.9	472.5	550.5	127.4	228.7		
November	431.2	99.7	1,107.8	133.1	495.0	428.4	1,003.8	246.0	390.8	144.1	299.6	509.2	329.1	484.8	555.9	131.7	244.0		
1987—																			
February	424.1	105.4	1,113.3	134.6	510.4	431.5	979.4	245.9	377.5	139.1	304.9	515.7	333.1	452.9	576.2	135.3	242.9		
May	417.4	103.5	1,126.4	126.8	514.0	430.9	974.6	258.7	376.5	143.3	314.7	520.0	346.2	487.5	578.0	135.6	249.4		
August	404.8	98.5	1,127.7	119.6	492.9	439.5	970.4	256.1	367.9	143.5	333.3	526.2	352.0	487.7	580.4	131.8	260.0		
November	408.9	100.0	1,160.9	124.4	497.5	433.4	1,045.7	266.7	376.8	139.4	325.5	510.6	345.2	486.1	560.5	141.6	259.0		
1988—																			
February	431.4	98.3	1,147.7	134.8	513.9	444.0	1,040.0	274.4	389.7	141.7	334.2	527.7	342.6	456.3	568.4	140.7	261.4		
May	430.9	93.9	1,154.1	118.0	528.9	462.1	1,051.7	278.4	378.6	133.8	333.8	552.3	347.3	487.5	595.3	142.8	265.5		
August	430.3	95.3	1,175.3	113.9	533.8	467.6	1,031.4	281.2	370.4	139.3	329.7	565.9	322.7	483.9	605.0	137.2	270.3		
November	441.6	95.3	1,185.2	116.1	566.6	473.9	1,070.1	288.6	376.2	140.2	333.7	577.3	327.5	495.1	604.3	144.2	272.8		
1989—																			
February	435.5	100.0	1,188.2	122.6	588.9	481.4	1,094.3	283.7	385.9	146.2	350.1	587.1	318.4	459.1	621.1	147.9	256.2		
May	434.6	100.9	1,209.8	124.6	598.6	486.7	1,092.2	296.1	382.7	142.9	355.9	593.4	330.8	500.7	648.3	156.2	266.4		
August	409.9	104.9	1,205.0	112.9	604.9	499.2	1,100.4	290.7	398.5	144.2	348.7	619.6	323.2	511.4	610.0	159.3	272.4		
November	434.0	106.6	1,203.0	107.8	611.9	507.6	1,137.2	307.9	391.1	145.7	349.4	637.8	334.4	520.3	611.4	167.4	289.0		
1990—																			
February	425.4	104.8	1,178.7	106.8	620.8	498.1	1,129.7	315.6	382.9	141.1	361.4	645.1	348.3	501.8	611.1	153.5	277.8		
May	446.5	99.1	1,170.5	107.1	578.1	513.1	1,146.6	325.2	379.4	147.2	379.5	629.3	370.6	548.2	628.5	153.4	286.1		
August	427.4	95.2	1,164.4	104.0	588.9	506.6	1,099.8	310.5	391.8	149.8	371.3	633.1	364.0	534.5	643.9	145.9	276.8		
November	457.1	95.1	1,152.4	104.5	589.1	499.4	1,124.7	319.2	382.2	150.8	352.5	634.0	362.8	525.8	648.4	147.6	281.2		
1991—																			
February	430.8	101.5	1,121.1	102.9	573.5	514.5	1,103.3	320.0	388.4	144.8	341.9	635.9	360.5	504.9	637.0	152.2	275.7		
May	426.4	88.4	1,087.1	101.6	545.3	497.3	1,102.8	337.5	392.6	140.2	352.6	641.1	354.3	532.3	664.1	155.5	284.7		
August	407.9	94.2	1,070.2	102.6	510.9	487.3	1,089.6	335.4	387.6	136.4	346.3	649.2	356.0	541.4	668.1	161.9	284.2		
November	422.7	84.8	1,086.8	102.0	528.1	486.1	1,084.4	346.5	381.5	136.5	336.3	640.5	339.3	521.1	670.6	171.9	290.7		
1992—																			
February	406.3	91.0	1,068.3	108.8	518.8	476.5	1,106.4	340.5	372.9	142.6	323.1	651.4	351.8	512.4	657.5	165.1	307.5		
May	397.3	88.5	1,071.1	111.5	516.6	481.3	1,121.4	346.0	371.7	127.8	329.2	649.7	350.9	550.7	647.5	159.2	312.4		
August	396.7	89.6	1,064.5	104.4	525.5	486.8	1,094.5	337.3	364.4	119.5	331.4	660.6	340.8	557.8	668.7	158.7	316.3		
November	417.7	84.5	1,098.8	92.0	527.3	464.6	1,105.0	330.0	352.0	121.7	316.8	661.3	365.2	546.8	663.8	150.4	299.6		
1993—																			
February	414.9	83.3	1,065.0	97.3	536.2	472.9	1,121.0	334.4	367.0	115.4	312.4	628.0	381.8	523.6	640.4	150.1	295.5		
May	389.2	89.6	1,068.0	96.6	549.1	497.9	1,139.2	342.5	363.4	119.9	311.6	632.0	369.2	563.8	651.9	162.9	303.1		
August	409.5	90.0	1,051.3	94.8	558.7	501.1	1,082.4	336.6	357.0	118.8	302.7	647.6	389.7	565.2	662.9	159.2	293.4		
November	421.5	92.6	1,087.1	93.2	558.0	501.3	1,125.3	348.5	361.7	134.8	322.8	653.4	361.6	562.0	671.9	165.2	307.9		
1994—																			
February	401.4	86.7	1,088.2	90.4	562.8	491.9	1,128.1	354.2	372.3	135.8	320.9	692.1	365.0	523.5	671.3	168.0	299.4		
May	404.5	88.2	1,101.8	90.4	558.8	521.4	1,159.2	350.5	374.4	124.7	320.6	701.3	356.9	558.7	683.1	180.3	304.2		
August	403.2	86.5	1,119.5	92.3	570.1	480.7	1,161.8	361.5	370.2	133.4	311.7	721.5	345.6	556.4	701.5	178.8	291.1		

(a) Amended from that previously published which omitted 'Accommodation' and 'Pubs, Taverns and Bars' ANZSIC Groups.

APPENDIX 2

EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: SEASONALLY ADJUSTED SERIES
('000)

Month	Agriculture, forestry and fishing	Mining	Manufacturing	Electricity, gas and water supply	Construction	Whole-sale trade	Retail trade	Accommodation, cafes and restaurants (a)	Transport and storage	Communication services	Finance and insurance	Property and business services	Government administration and defence	Education	Health and community services	Cultural and recreational services	Personal and other services
1986—																	
May	436.3	103.7	1,124.2	142.8	489.8	423.7	987.0	232.9	371.8	148.4	299.4	476.6	334.7	449.2	570.2	126.4	231.8
August	424.0	97.5	1,116.5	140.2	505.4	423.3	986.1	242.0	388.4	151.8	306.3	479.1	327.3	463.6	552.0	129.8	236.7
November	425.3	99.9	1,102.6	133.8	497.3	428.0	986.2	244.6	391.2	144.9	304.2	510.2	333.0	473.1	557.2	129.1	237.4
1987—																	
February	424.4	103.0	1,113.4	132.6	507.0	433.0	981.6	246.9	375.3	139.8	303.7	515.0	333.6	476.6	577.6	135.1	241.8
May	415.8	103.6	1,124.6	125.6	508.5	428.3	970.0	256.2	379.0	143.8	311.8	519.7	339.8	483.2	573.8	135.9	249.3
August	412.4	100.3	1,135.2	121.8	499.6	440.6	989.9	259.1	367.4	141.7	332.4	526.4	354.3	479.2	581.0	134.3	268.3
November	402.8	100.3	1,154.4	125.5	499.3	433.6	1,029.4	265.2	376.8	140.1	330.2	511.3	348.5	476.2	562.0	138.9	252.6
1988—																	
February	431.6	96.1	1,147.9	132.8	510.3	445.8	1,040.7	275.9	387.7	142.2	333.9	527.0	343.8	480.2	571.3	140.5	260.6
May	428.3	94.1	1,153.4	116.6	524.4	459.6	1,046.9	274.7	381.1	134.4	330.1	552.3	340.6	480.6	590.8	143.0	264.9
August	440.3	96.7	1,183.2	115.8	540.5	467.6	1,050.6	285.2	369.7	138.0	328.6	565.9	324.9	475.9	604.1	139.8	278.3
November	433.9	95.9	1,176.8	117.5	568.3	474.5	1,056.6	287.0	376.3	140.3	338.4	578.4	330.6	487.5	605.4	141.4	266.9
1989—																	
February	435.7	98.0	1,189.2	120.7	584.5	484.0	1,093.8	285.4	384.4	146.5	351.0	585.5	319.3	482.3	626.7	148.0	255.8
May	432.0	101.0	1,210.0	123.0	595.1	484.0	1,086.2	291.5	384.7	143.6	351.2	594.5	324.5	492.0	643.5	156.3	264.7
August	420.5	106.3	1,213.0	114.6	611.3	497.9	1,118.8	295.3	397.4	143.7	347.4	618.7	325.8	503.0	607.5	161.8	279.9
November	425.2	107.3	1,193.0	109.5	613.6	508.9	1,127.7	306.1	391.6	145.0	353.8	639.4	337.6	514.8	611.6	164.5	284.2
1990—																	
February	425.6	102.7	1,180.5	105.2	615.9	501.2	1,127.9	317.7	382.1	141.4	363.7	642.8	348.4	526.0	618.6	154.0	277.7
May	444.8	99.2	1,171.1	105.5	575.9	510.0	1,138.5	319.6	380.6	147.8	373.7	631.3	364.6	537.4	624.7	153.4	282.9
August	438.6	96.3	1,172.5	105.5	594.5	504.7	1,116.7	315.9	390.6	150.4	370.0	631.5	366.3	525.6	639.9	148.0	283.9
November	446.4	95.9	1,141.4	106.3	590.3	501.0	1,119.5	317.5	383.0	149.0	356.4	636.2	367.1	522.2	647.1	145.1	278.2
1991—																	
February	431.4	99.5	1,123.5	101.4	568.8	518.3	1,101.0	322.0	388.3	145.3	345.2	632.8	359.1	528.2	646.1	153.1	275.8
May	425.6	88.5	1,088.1	100.0	544.1	494.0	1,092.1	331.7	392.8	140.5	347.0	644.0	349.5	521.3	661.5	155.2	280.0
August	418.5	95.0	1,077.6	104.0	515.4	485.1	1,106.5	341.3	386.3	137.9	344.9	647.3	358.1	532.2	662.8	163.7	291.2
November	411.9	85.7	1,075.5	103.8	528.8	487.9	1,082.1	344.5	382.5	133.9	339.6	642.7	343.9	518.9	667.9	169.3	289.1
1992—																	
February	407.1	89.3	1,071.3	107.4	514.5	480.4	1,103.6	342.5	373.4	143.5	326.9	648.1	349.2	535.2	667.8	166.3	307.6
May	397.6	88.5	1,072.1	109.5	516.4	477.8	1,108.5	340.1	371.0	127.7	323.9	652.9	347.4	539.2	646.3	158.7	306.1
August	406.4	90.2	1,072.1	105.6	529.6	484.4	1,112.0	343.3	363.5	121.5	329.8	658.2	341.7	548.1	662.7	160.5	323.9
November	406.9	85.6	1,086.7	93.8	527.7	466.3	1,104.0	328.1	352.9	118.9	319.6	664.4	371.1	545.3	660.2	148.1	299.1
1993—																	
February	415.5	81.9	1,068.3	96.1	531.8	477.4	1,117.9	336.3	367.8	116.3	316.3	624.3	378.1	546.3	650.8	151.3	295.6
May	390.2	89.5	1,069.1	94.9	549.4	493.9	1,125.1	336.8	362.2	119.7	306.7	635.0	366.1	552.2	651.5	162.4	296.5
August	418.8	90.6	1,059.1	95.8	562.5	498.5	1,099.6	342.5	356.6	121.0	301.2	645.0	390.3	555.2	656.3	160.8	300.2
November	410.8	93.9	1,074.5	95.2	558.4	503.2	1,125.5	346.5	362.5	131.5	325.6	657.0	368.0	560.8	668.1	162.8	308.0
1994—																	
February	401.9	85.2	1,091.8	89.3	558.2	496.8	1,124.2	356.1	373.3	136.9	324.9	687.7	361.1	546.0	682.3	169.3	299.5
May	405.9	88.0	1,102.9	88.8	559.4	517.0	1,144.4	344.8	372.9	124.5	315.6	704.7	354.3	547.3	683.1	179.7	297.3
August	412.0	87.0	1,127.9	93.2	573.7	478.1	1,180.2	367.8	370.0	136.0	310.1	718.6	345.9	546.4	694.3	180.6	297.7

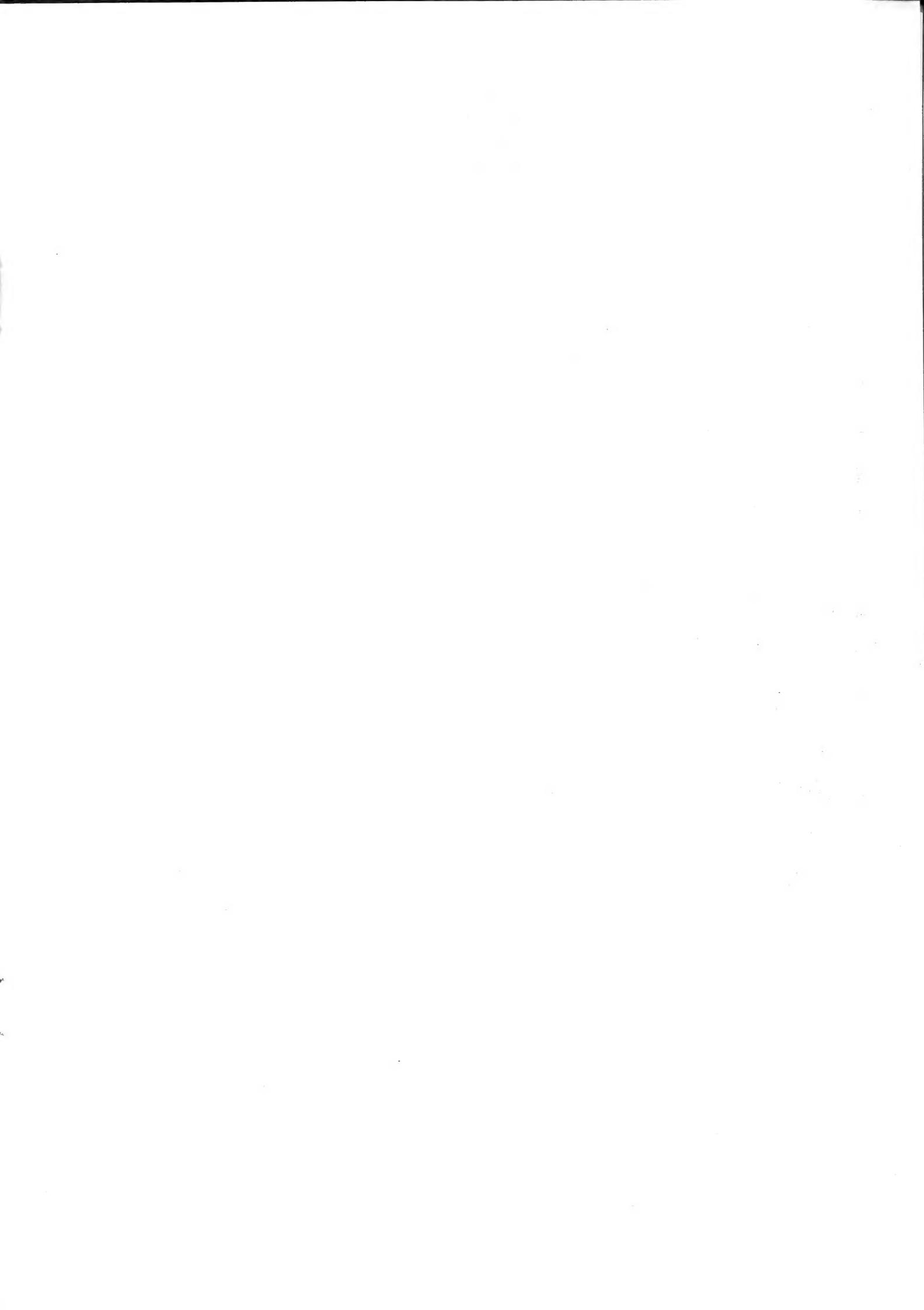
(a) Amended from that previously published which omitted 'Accommodation' and 'Pubs, Taverns and Bars' ANZSIC Groups.

EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: TREND SERIES
('000)

Month	Agriculture, forestry and fishing		Manufacturing		Electricity, gas and water supply		Construction		Wholesale trade		Retail trade		Accommodation, cafes and restaurants (a)		Transport and storage		Communication services		Finance and insurance		Property and business services		Government administration and defence		Education		Health and community services		Cultural and recreational services		Personal and other services	
	May	August	Manufacturing	Mining	Electricity, gas and water supply	Construction	Wholesale trade	Retail trade	Accommodation, cafes and restaurants (a)	Transport and storage	Communication services	Finance and insurance	Property and business services	Government administration and defence	Education	Health and community services	Cultural and recreational services	Personal and other services														
1986—																																
May	431.8	100.9	1,121.2		142.6	494.1	422.4	987.4	235.2	379.8	150.9	302.0	473.5	331.6	453.0	560.3	126.7	232.6														
August	428.3	100.0	1,114.0		139.3	498.6	425.2	986.9	239.8	384.1	148.4	303.3	487.9	330.9	462.2	559.3	128.7	235.2														
November	424.9	100.5	1,110.0		135.3	502.7	427.6	983.7	244.5	385.6	145.4	303.9	502.6	331.2	471.4	562.2	131.2	237.9														
1987—																																
February	422.0	101.9	1,111.9		130.5	505.5	430.5	977.2	249.1	381.5	142.7	306.8	516.0	335.1	478.5	570.5	133.5	243.9														
May	415.7	102.9	1,124.0		125.7	504.3	432.8	978.6	253.8	374.0	141.5	315.2	521.2	342.8	480.4	576.8	135.1	252.3														
August	410.7	101.6	1,138.0		124.9	501.8	434.4	995.0	260.3	373.0	142.0	325.9	518.8	348.6	479.7	573.4	136.4	258.1														
November	412.9	99.0	1,145.8		126.2	501.7	438.4	1,020.2	266.5	378.2	141.2	332.5	519.8	350.1	478.9	569.3	138.3	259.2														
1988—																																
February	422.3	96.6	1,152.4		125.6	509.0	446.5	1,040.0	272.5	381.5	139.0	332.3	529.5	344.8	478.2	574.7	140.6	261.3														
May	432.1	95.3	1,161.0		121.2	524.0	456.9	1,046.3	278.6	379.8	137.3	329.9	547.5	337.3	479.2	586.6	141.2	267.3														
August	436.8	95.3	1,171.0		116.8	543.9	468.0	1,052.4	282.9	375.6	137.9	332.1	566.0	330.6	480.4	600.1	140.8	270.9														
November	436.8	96.3	1,182.5		117.5	564.7	475.2	1,064.2	285.7	375.6	141.0	339.2	576.9	325.3	481.9	614.5	142.7	266.3														
1989—																																
February	434.5	98.3	1,194.6		120.7	583.6	481.0	1,080.4	287.6	381.8	143.9	346.9	585.6	322.5	485.7	625.9	148.2	262.2														
May	429.3	101.9	1,205.1		120.2	598.2	489.0	1,098.4	290.2	389.3	144.8	350.0	599.5	323.0	492.4	627.7	156.2	266.3														
August	424.2	105.4	1,207.5		115.7	610.5	497.1	1,113.4	297.1	392.5	144.0	350.6	618.7	327.2	502.2	620.2	161.4	275.7														
November	424.1	106.0	1,196.3		109.9	613.1	503.7	1,126.0	306.9	389.9	143.2	355.1	634.8	337.5	515.9	612.5	161.4	281.5														
1990—																																
February	430.0	103.4	1,183.4		106.0	604.7	507.1	1,132.7	315.0	385.6	144.4	364.3	639.6	350.0	526.9	615.8	157.4	282.4														
May	438.5	99.2	1,174.1		105.4	594.5	505.5	1,130.6	318.3	383.3	147.0	370.7	636.1	361.5	530.9	627.7	151.6	282.1														
August	443.1	97.4	1,164.3		105.6	589.4	506.2	1,124.4	317.5	384.6	149.3	367.6	632.4	367.3	529.1	637.1	148.0	281.3														
November	441.3	96.5	1,145.4		104.4	584.6	508.2	1,113.0	317.9	387.1	148.9	357.8	632.9	365.0	525.0	645.0	147.8	278.8														
1991—																																
February	434.1	95.6	1,118.6		102.4	568.2	505.6	1,104.0	323.1	388.9	145.4	349.1	637.4	359.6	524.5	651.5	150.7	277.9														
May	426.0	93.4	1,093.8		101.4	543.5	498.8	1,097.9	331.8	389.7	140.5	345.8	641.6	354.6	525.3	657.8	157.1	280.6														
August	418.3	90.6	1,079.0		102.4	526.4	489.7	1,093.7	339.8	387.5	138.2	343.4	644.5	351.0	525.2	665.1	163.8	287.3														
November	411.6	88.8	1,072.8		105.1	518.4	483.1	1,094.8	343.4	381.6	138.0	337.1	646.0	349.4	526.7	666.3	166.8	294.4														
1992—																																
February	405.3	88.7	1,071.3		107.9	517.7	482.4	1,100.0	343.8	375.6	136.1	330.2	647.7	345.9	532.4	661.7	166.2	303.9														
May	402.1	88.9	1,072.8		107.6	520.2	480.0	1,105.8	341.5	368.4	130.4	326.4	655.1	345.0	539.8	658.3	161.6	311.9														
August	405.1	88.1	1,076.1		103.6	523.3	475.7	1,109.5	337.7	362.4	122.9	324.9	658.1	353.0	545.3	657.1	155.5	312.4														
November	407.0	85.7	1,077.6		98.0	528.8	474.4	1,112.2	334.5	360.6	117.9	321.8	650.5	363.0	546.5	656.6	152.3	305.0														
1993—																																
February	406.5	85.1	1,073.0		94.9	536.8	479.1	1,114.6	334.0	361.0	117.1	313.3	638.8	373.5	547.9	654.0	153.6	297.5														
May	406.6	87.8	1,065.8		95.2	548.0	489.7	1,115.1	336.9	360.9	118.6	307.3	633.4	378.9	552.1	651.7	157.6	296.3														
August	408.3	90.9	1,064.8		95.5	557.6	498.0	1,114.3	343.1	360.9	124.3	310.3	642.2	377.5	555.9	657.8	161.4	301.3														
November	408.7	90.9	1,073.6		93.3	559.7	503.2	1,115.8	346.8	363.8	129.5	318.0	662.3	372.3	555.2	668.2	164.7	303.2														
1994—																																
February	407.4	88.7	1,089.2		91.2	559.5	503.9	1,129.5	350.4	369.4	131.6	321.5	683.3	362.6	551.0	678.2	170.1	301.5														
May	406.2	87.2	1,107.0		90.3	562.9	500.1	1,149.5	354.8	372.3	132.0	318.1	703.4	353.0	547.1	686.4	176.7	298.6														
August	408.8	86.2	1,123.7		90.7	569.1	492.2	1,169.0	360.7	372.6	131.9	311.3	720.9	347.3	544.6	693.1	182.0	295.9														

(a) Amended from that previously published which omitted 'Accommodation' and 'Pubs, Taverns and Bars' ANZSIC Groups.







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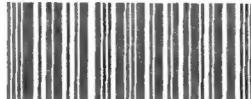
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